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Notice of Allowability

Application No.

10/612,676

Examiner

Long K. Tran

Applicant(s)

ANTHONY ET AL.

Art Unit

2818

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to AMDT on November 25, 2005.
2. ☒ The allowed claim(s) is/are 1 - 12 and 29 - 32.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Sup. Examiner
Technology Center 2800

DETAILED ACTION

Response to Amendment

1. This office action is in response to Amendment filed on November 25, 2005;
2. Claims **13 – 17** and **33** have been cancelled.
3. Claims **1** and **29** have been amended.
4. Claims **18 – 28** have been withdrawn.
5. Claims **1 – 12** and **29 – 32** are presented for examination.

EXAMINER'S AMENDMENT

6. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Matthew B. McNutt on January 24, 2006.

The application has been amended as follows:

Claim 1:

- 1. (Currently Amended). A memory wafer comprising:

a first surface having memory chips disposed thereon, a surface of the memory chips defining an exterior face of the memory wafer;

a second surface opposite the exterior face; and

a magnetically permeable shield layer depositing directly on ~~[extending over]~~ the entirety of ~~[at least one of]~~ the exterior face ~~[and the second surface]~~ of the memory wafer.-- ;

Claim 29:

--29. (Currently Amended). A memory wafer comprising:

a first surface having memory chips disposed thereon, a surface of the memory chips defining an exterior face of the memory wafer;

a second surface opposite the exterior face; and

means for protecting the memory chips from stray magnetic fields depositing directly on ~~[extending over]~~ the entirety of ~~[at least one of]~~ the exterior face ~~[and the second surface]~~ of the memory wafer.-- ;

Claims 18 – 28 have been cancelled.

Allowable Subject Matter

7. Claims 1 – 12 and 29 – 32 are allowed.

8. The following is an examiner's statement of reasons for allowance: Claims 1 – 12 and 29 – 32 are allowable over the prior art of record because none of the prior art whether taken singularly or in combination, especially when these limitations are considered within the specific combination claimed, to teach:

A surface A (fig. 9) defining an exterior face of a memory wafer; a magnetic shield layer 180 (fig. 9) depositing directly on the entirety of the exterior surface of the memory wafer; and among other limitations as cited in the independent claims 1 and 29.


Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Long K. Tran whose telephone number is 571-272-1797. The examiner can normally be reached on Mon-Thu.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on 571-272-1787. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Long Tran 
January 26, 2006


David Nelms
Supervisory Patent Examiner
Technology Center 2800